A2575-1 11/15/82

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 63 For Week Ended NOVEMBER 5, 1982 NO. 44

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)

ALL DATA ARE ESTIMATES MADE BY THE API BASED ON DATA FROM REPORTING COMPANIES.

	Current Week Ending: 11/05/82	Last Week Ending: 10/29/82	Last Year Week Ending: 11/06/81	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,924	11,907	12,291	+ 17	- 367
Operable capacity	16,663	16,663	18,230	0	- 1,567
Percent operated	71.6	71.5	67.4		
Motor Gasoline					
Motor gasoline production	6,120	6,374	6,484	- 254	- 364
Refinery shipments of unleaded motor gasoline	3,349	3,519	3,225	- 170	+ 124
Total Motor gasoline stocks	231,542	232,601	236,913	- 1,059	- 5,371
Finished unleaded motor gasoline stock	95,154	96,739	91,808	- 1,585	+ 3,346
Distillate Fuel Oil					
Distillate fuel oil production	2,896	2,920	2,585	- 24	+ 311
Distillate fuel oil stocks	173,503	169,558	200,977	+ 3,945	- 27,474
Residual Fuel Oil					
Residual fuel oil production	980	976	1,156	+ 4	- 176
Residual fuel oil stocks	60,880	60,947	77,626	- 67	- 16,746
Imports					
Crude oil imports	3,644	3,512	3,532	+ 132	+ 112
Product imports	1,597	1,581	1,218	+ 16	+ 379
Crude Oil Stocks					
Crude oil stocks	348,732	349,791	372,387	- 1,059	- 23,655

TOTAL U.S. DATA FOR THE CURRENT WEEK'S REFINERY OPERATIONS, PRODUCTION, STOCKS AND IMPORTS ARE NOW AVAILABLE THROUGH A PRE-RECORDED TELEPHONE MESSAGE. THE TELEPHONE NUMBER FOR THIS SERVICE IS AREA CODE (202) 457-7147.

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STATISTICS DEPARTMENT
VOL. 63 For Week Ended NOVEMBER 5, 1982 NO. 44

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Foreign Crude Runs[1]	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,185	1,074	990	1,105	1,569	70.4
Appal. No. 1	54	48	--	50	98	51.0
DISTRICT 1 TOTAL	1,239	1,122	990	1,155	1,667	69.3
Appal. No. 2	62	58	5	62	66	93.9
Ind., Ill., Ky.	1,652	1,459	419	1,502	2,399	62.6
Minn., Wis., Daks.	289	272	119	292	293	99.7
Okla., Kans., Mo.	737	678	39	689	858	80.3
DISTRICT 2 TOTAL	2,740	2,467	582	2,545	3,616	70.4
Inland Texas	522	465	56	491	592	82.9
Texas Gulf Coast	3,232	2,856	887	2,933	3,993	73.5
La. Gulf Coast	2,252	1,997	732	2,090	2,728	76.6
N. La. and Ark.	190	170	16	174	314	55.4
New Mexico	108	79	--	82	117	70.1
DISTRICT 3 TOTAL	6,304	5,567	1,691	5,770	7,744	74.5
DISTRICT 4 TOTAL	462	445	47	452	553	81.7
DISTRICT 5 TOTAL	2,035	1,967	187	2,002	3,083	64.9
TOTAL U.S.	12,780	11,568	3,497	11,924	16,663	71.6
TOTAL U.S. Weeks Ended:						
OCT. 29, 1982	12,799	11,554	3,602	11,907	16,663	71.5
NOV. 6, 1981	12,925	12,109	3,811	12,291	18,230	67.4
DISTRICTS 1—4 Weeks Ended:						
NOV. 5, 1982	10,745	9,601	3,310	9,922	13,580	73.1
OCT. 29, 1982	10,769	9,571	3,386	9,886	13,580	72.8
NOV. 6, 1981	10,790	10,109	3,599	10,249	15,068	68.0

[1] Included in the Crude Oil Runs to Distillation Units.

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 5, 1982

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Kerosine	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	619	381	18	22	3	335	72
Appal. No. 1	17	6	2	--	--	17	3
DISTRICT 1 TOTAL	636	387	20	22	3	352	75
Appal. No. 2	35	19	--	3	--	13	5
Ind., Ill., Ky.	843	552	15	93	16	374	33
Minn., Wis., Daks.	153	66	2	5	1	77	4
Okla., Kans., Mo.	390	182	10	16	--	214	19
DISTRICT 2 TOTAL	1,421	819	27	117	17	678	61
Inland Texas	265	126	28	26	2	111	24
Texas Gulf Coast	1,338	825	19	160	50	814	281
La. Gulf Coast	1,109	548	25	228	45	378	207
N. La. and Ark.	57	17	5	--	--	55	19
New Mexico	57	21	5	--	10	61	7
DISTRICT 3 TOTAL	2,826	1,537	82	414	107	1,419	538
DISTRICT 4 TOTAL	267	85	13	24	1	112	9
DISTRICT 5 TOTAL	970	521	46	209	5	335	297
TOTAL U.S.	6,120	3,349	188	786	133	2,896	980
TOTAL U.S. Weeks Ended:							
OCT. 29, 1982	6,374	3,519	181	863	144	2,920	976
NOV. 6, 1981	6,484	3,225	234	656	109	2,585	1,156
DISTRICTS 1—4 Weeks Ended:							
NOV. 5, 1982	5,150	2,828	142	577	128	2,561	683
OCT. 29, 1982	5,415	2,988	135	652	144	2,598	649
NOV. 6, 1981	5,514	2,690	195	477	104	2,267	798

[1] Refinery shipments only.
[2] Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 5, 1982

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Kerosine	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	5,580	2,855	20	591	1,025	16,765	2,337	--
Central Atlantic	29,515	13,815	233	5,176	2,139	47,695	23,132	13,805
Lower Atlantic	27,586	14,893	85	3,555	1,470	16,122	5,577	496
East Coast	58,437	29,325	307	9,000	4,346	77,217	30,729	13,214
Appal. No. 1	4,244	2,238	31	322	288	3,365	317	1,087
DISTRICT 1 TOTAL	62,681	31,563	338	9,322	4,634	80,582	31,046	14,301
Appal. No. 2	2,945	1,414	3	170	321	1,808	233	118
Ind., Ill., Ky.	35,907	15,335	449	4,391	2,155	23,708	3,105	13,860
Minn., Wis., Daks.	6,882●	2,550●	172	558	145	6,492●	404	580
Okla., Kans., Mo.	19,651●	7,900●	793	1,901	351	13,003●	956	6,197
DISTRICT 2 TOTAL	65,385●	27,199●	1,417	7,020	2,972	45,011●	4,698	20,755
Inland Texas	7,731	2,575	554	1,296	176	2,974	322	2,876
Texas Gulf Coast	30,053	10,158	995	4,536	1,645	18,241	7,334	28,115
La. Gulf Coast	20,201	6,021	485	3,892	997	8,261	7,178	15,883
N. La. and Ark.	10,255	5,941	380	1,886	246	5,758	593	1,050
New Mexico	756	281	378	105	49	414	79	481
DISTRICT 3 TOTAL	68,996	24,976	2,792	11,715	3,113	35,648	15,506	48,405
DISTRICT 4 TOTAL	6,369	1,720	298	807	43	3,195	474	2,735
DISTRICT 5 TOTAL	28,111	9,696	1,218	5,931	180	9,067	9,156	25,085
TOTAL U.S.	231,542	95,154 *	6,063	34,795	10,942	173,503	60,880	111,281
TOTAL U.S. Weeks Ended:								
OCT. 29, 1982	232,601●	96,739●	6,206	34,419	10,471	169,558●	60,947	111,715
NOV. 6, 1981	236,913	91,808	5,733	35,131	11,612	200,977	77,626	117,846
DISTRICTS 1—4 Weeks Ended:								
NOV. 5, 1982	203,431	85,458	4,845	28,864	10,762	164,436	51,724	86,196
OCT. 29, 1982	204,295●	86,509●	4,951	28,542	10,223	160,412●	51,000	86,838
NOV. 6, 1981	207,698	81,658	4,587	29,381	11,296	189,410	67,008	91,602

[1] Included in Total Motor Gasoline stocks.
[2] Includes Grade No. 4 fuel oil

● *SEE REVISIONS ON PAGE 7*

**INCLUDES 22,631 BBLS OF FINISHED UNLEADED MOTOR GASOLINE AT REFINERIES AS FOLLOWS: DIST. 1: 3,336 DIST. 2: 5,256 DIST. 3: 9,186 DIST. 4: 682 DIST. 5: 4,171*

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER 5, 1982*

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *JUNE* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	---Daily Average---				
DISTRICTS 1—4 TOTAL					
NOV. 5, 1982	5,882.5	5,864.0	3,285	168	260,605
OCT. 29, 1982	5,882.5	--	3,304	142	258,944
OCT. 22, 1982	5,882.5	--	3,594	129	254,779
OCT. 15, 1982	5,882.5	--	3,058	134	249,181
DISTRICT 5 TOTAL					
NOV. 5, 1982	2,797.9	2,768.0	359	--	88,127 *
OCT. 29, 1982	2,797.9	--	208	14	90,847●
OCT. 22, 1982	2,797.9	--	164	--	96,542
OCT. 15, 1982	2,797.9	--	145	28	91,009
TOTAL U.S.					
NOV. 5, 1982	8,680.4	8,632.0	3,644	168	348,732 *
OCT. 29, 1982	8,680.4	--	3,512	156	349,791●
OCT. 22, 1982	8,680.4	--	3,758	129	351,321
OCT. 15, 1982	8,680.4	--	3,203	162	340,190
NOV. 6, 1981	8,546.5 /A	--	3,532	160	372,387

**INCLUDES 32,697 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.* ●

/A - DOE ACTUAL FOR OCTOBER 1981.

● *SEE REVISIONS ON PAGE 7*

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	Week Ended *NOV. 5, 1982* Domestic	Foreign	Total	Week Ended *NOV. 6, 1981* Domestic	Foreign	Total
PAD District 1	4,222	14,472	18,694	5,035	14,944	19,979
PAD District 2	61,057	11,777	72,834	67,427	12,599	80,026
PAD District 3	117,772	39,461	157,233	125,546	42,798	168,344
PAD District 4	10,178	1,666	11,844	15,744	898	16,642
TOTAL PAD DISTRICTS 1—4	193,229	67,376	260,605	213,752	71,239	284,991
PAD District 5	82,746●	5,381	88,127●*	80,015	7,381	87,396
TOTAL U.S.	275,975●	72,757	348,732●*	293,767	78,620	372,387

[1] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline	Unleaded Motor Gasoline[1]	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Kerosine	Distillate Fuel Oil	Grade No. 4 Fuel Oil	Residual Fuel Oil	L.P.G.	Petro-chemical Feedstocks	Special Naphtha	Plant Condensate	Asphalt	Unfinished Oil[2]	Total
New England	--	--	--	--	--	--	--	--	3	--	--	--	--	--	3
Central Atlantic	106	47	5	11	4	75	--	542	3	80	111	--	1	37	975
Lower Atlantic	--	--	--	--	--	--	--	59	--	--	--	--	--	--	59
DISTRICT 1 TOTAL[2]															
NOV. 5, 1982	106	47	5	11	4	75	--	601	6	80	111	--	1	37	1,037
OCT. 29, 1982	223	47	5	12	59	88	--	613	6	4	--	--	2	127	1,139
OCT. 22, 1982	115	56	13	7	10	112	--	627	4	--	--	--	2	38	928
OCT. 15, 1982	94	44	--	--	4	66	--	354	4	--	31	--	--	114	667
DISTRICTS 2—4 TOTAL															
NOV. 5, 1982	17	4	--	--	--	6	--	72	170	80	47	--	--	20	412
OCT. 29, 1982	12	3	--	--	--	5	--	61	193	39	7	7	--	14●	338●
OCT. 22, 1982	11	2	--	--	--	3	--	64	124	--	1	3	--	38	244
OCT. 15, 1982	15	2	--	--	--	6	--	50	107	--	16	--	--	70	264
DISTRICT 5 TOTAL															
NOV. 5, 1982	47	13	12	12	--	6	--	10	15	25	20	1	--	--	148
OCT. 29, 1982	59	14	1	2	--	7	--	10	14	--	--	1	--	10	104
OCT. 22, 1982	41	13	3	7	--	9	--	15	12	--	--	1	--	--	88
OCT. 15, 1982	91	14	--	--	--	6	--	25	14	--	--	1	--	16	153
TOTAL U.S.	170	64	17	23	4	87	--	683	191	185	178	1	1	57	1,597
TOTAL U.S. Weeks Ended:															
OCT. 29, 1982	294	64	6	14	59	100	--	684	213	43	7	8	2	151●	1,581●
OCT. 22, 1982	167	71	16	14	10	124	--	706	140	--	1	4	2	76	1,260
OCT. 15, 1982	200	60	--	--	4	78	--	429	125	--	47	1	--	200	1,084
NOV. 6, 1981	156	42	4	8	2	152	--	626	210	--	18	15	8	19	1,218

[1] Included in Total Motor Gasoline imports.
[2] See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE 7*

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded motor gasoline represent only finished, unleaded motor gasoline located at refineries, pipelines and bulk terminals. These stocks are also included in "total motor gasoline stocks." However, a large part of the motor gasoline stocks at refineries consist of components which may be blended to produce either leaded or unleaded motor gasoline. For that reason, these stocks cannot be classified as either finished unleaded or leaded motor gasoline. Therefore, it is incorrect to assume that the difference between total motor gasoline stocks and finished, unleaded motor gasoline stocks is equal to leaded motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:
New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and Dist. of Col.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

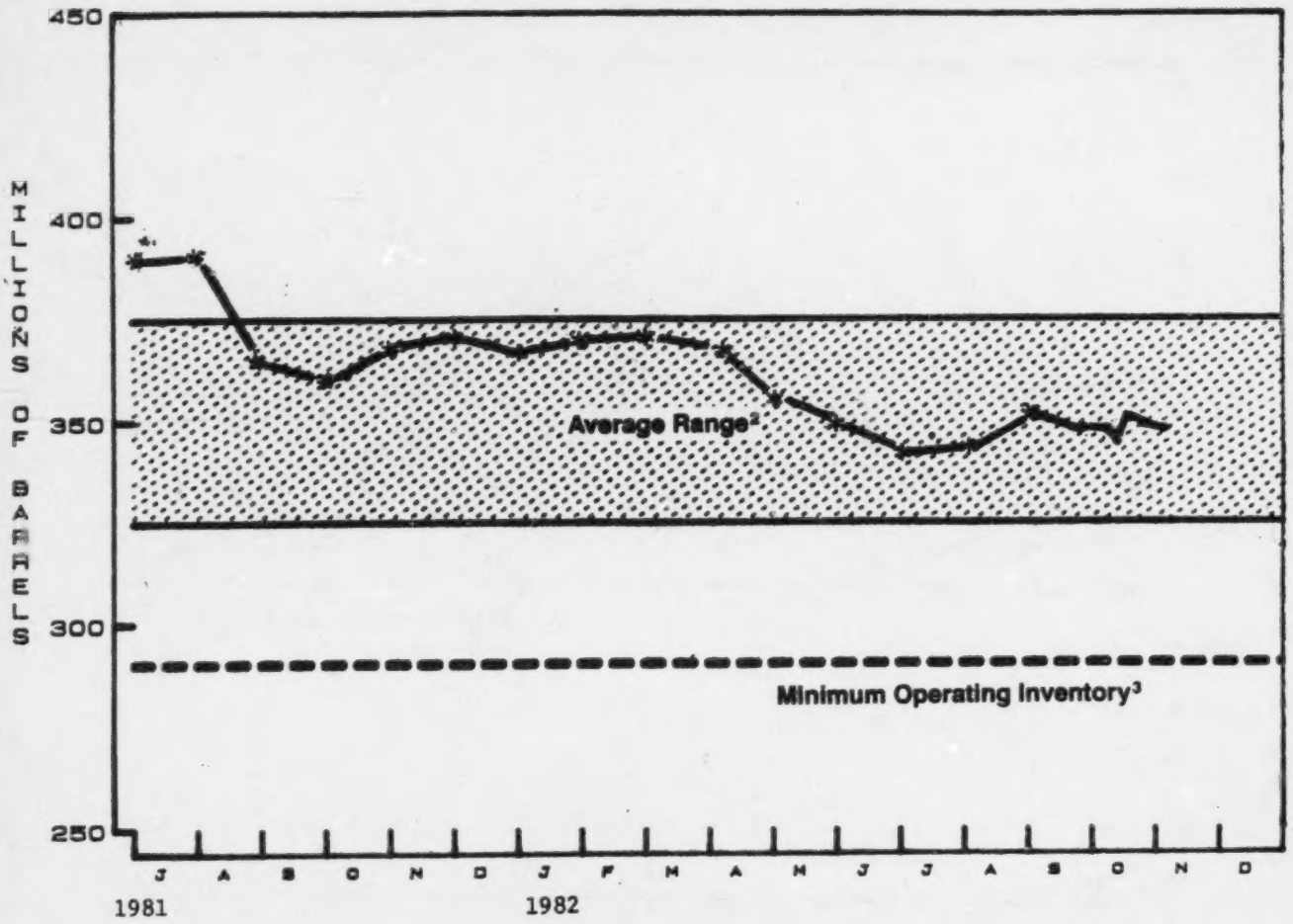
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE montly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

10/29/82	PAGE 3	TOTAL MGAS	MINN., WIS., DAKS.	7,004
			OKLA., KANS., MO.	20,513
			DISTRICT 2 TOTAL	67,305
			TOTAL U.S.	232,601
			DISTRICTS 1-4	204,295
		UNLEADED MGAS	MINN., WIS., DAKS.	2,719
			OKLA., KANS., MO.	7,856
			DISTRICT 2 TOTAL	27,598
			TOTAL U.S.	96,739
			DISTRICTS 1-4	86,509
		DISTILLATE FUEL	MINN., WIS., DAKS.	6,521
			OKLA., KANS., MO.	13,113
			DISTRICT 2 TOTAL	45,408
			TOTAL U.S.	169,558
			DISTRICTS 1-4	160,412
	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	90,847
			TOTAL U.S.	349,791
		ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	35,269
	PAGE 4 BOTTOM	DOMESTIC	PAD DISTRICT 5	86,514
			TOTAL U.S.	278,055
		TOTAL	PAD DISTRICT 5	90,847
			TOTAL U.S.	349,791
	PAGE 5	UNFINISHED OIL	DISTRICTS 2-4 TOTAL	14
			TOTAL U.S.	151
		TOTAL	DISTRICTS 2-4 TOTAL	338
			TOTAL U.S.	1,581

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

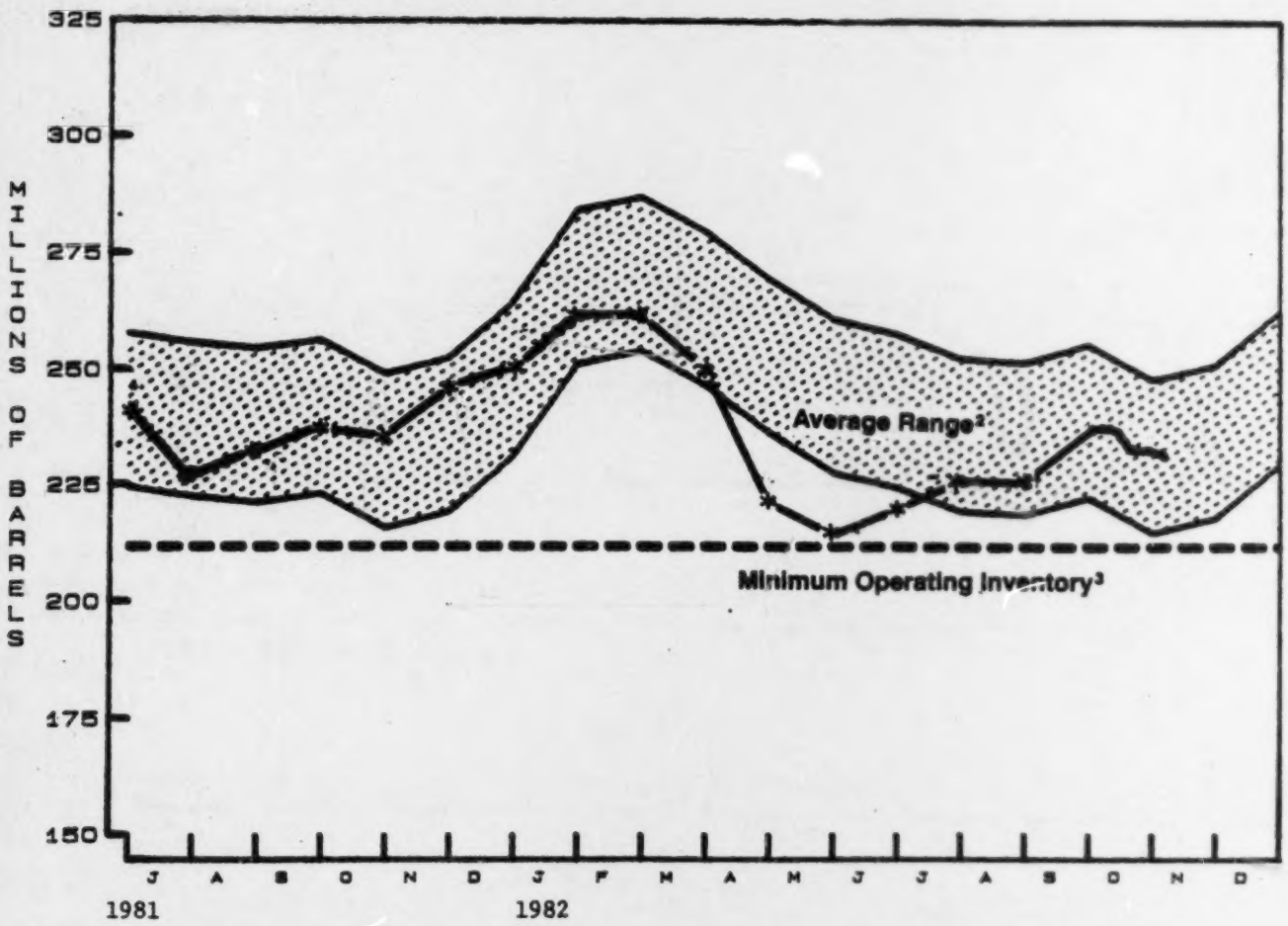
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended NOVEMBER 5, 1982

Motor Gasoline Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

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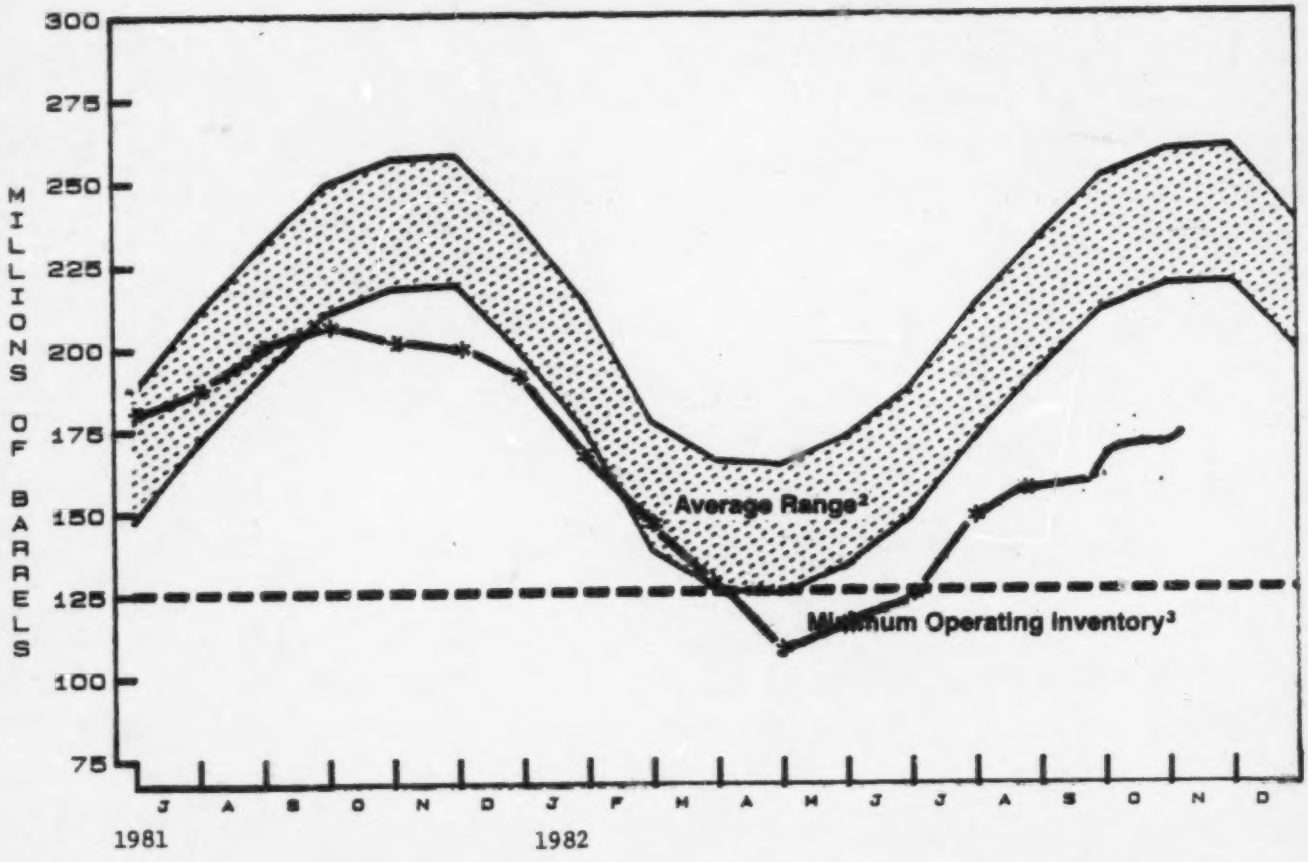
*-- EIA, Preliminary Data, "Monthly Petroleum Statistics Report."
●— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1978-June 1981. The seasonal pattern is based on seven years of monthly data: January 1973-December 1979.

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[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.